

09/108673
2H#11

Search Results - Record(s) 1 through 38 of 38 returned.

1. Document ID: US 6013522 A
Entry 1 of 38

File: USPT

Jan 11, 2000

US-PAT-NO: 6013522
DOCUMENT-IDENTIFIER: US 6013522 A

TITLE: Antisense inhibition of human Smad1 expression

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:
NAME

CITY STATE ZIP CODE COUNTRY

Monia; Brett P.

La Costa

CA

N/A

N/A

Cowsert; Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 435/375; 435/325, 435/366, 435/455, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Smad1. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Smad1. Methods of using these compounds for modulation of Smad1 expression and for treatment of diseases associated with expression of Smad1 are provided.
20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

2. Document ID: US 6013788 A
Entry 2 of 38

File: USPT

Jan 11, 2000

US-PAT-NO: 6013788
DOCUMENT-IDENTIFIER: US 6013788 A

TITLE: Antisense modulation of Smad3 expression

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:
NAME

CITY STATE ZIP CODE COUNTRY

Monia; Brett P.

La Costa

CA

N/A

N/A

Cowsert; Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 536/24.5; 435/325, 435/375, 435/6, 435/91.1, 435/91.31, 536/23.1, 536/23.2, 536/24.3, 536/24.33

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Smad3. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Smad3. Methods of using these compounds for modulation of Smad3 expression and for treatment of diseases associated with expression of Smad3 are provided.
20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

3. Document ID: US 6013787 A
Entry 3 of 38

File: USPT

Jan 11, 2000

US-PAT-NO: 6013787
DOCUMENT-IDENTIFIER: US 6013787 A

TITLE: Antisense modulation of Smad4 expression

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:
NAME

CITY STATE ZIP CODE COUNTRY

Monia; Brett P.

La Costa

CA

N/A

N/A

Cowsert; Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 536/24.5; 435/6, 435/91.1, 536/23.1, 536/24.3, 536/24.33

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Smad4. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Smad4. Methods of using these compounds for modulation of Smad4 expression and for treatment of diseases associated with expression of Smad4 are provided.
20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

4. Document ID: US 6010906 A
Entry 4 of 38

File: USPT

Jan 4, 2000

US-PAT-NO: 6010906

DOCUMENT-IDENTIFIER: US 6010906 A

TITLE: Antisense modulation of Jun N-terminal kinase kinase-1 expression

DATE-ISSUED: January 4, 2000

INVENTOR-INFORMATION:
NAME

CITY

STATE

ZIP CODE

COUNTRY

Ward, Donna T.

San Diego

CA

N/A

N/A

Cowser, Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 435/375; 435/6, 435/91.1, 435/91.3, 536/23.1, 536/24.1, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Jun N-terminal Kinase Kinase-1. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Jun N-terminal Kinase Kinase-1. Methods of using these compounds for modulation of Jun N-terminal Kinase Kinase-1 expression and for treatment of diseases associated with expression of Jun N-terminal Kinase Kinase-1 are provided.
24 Claims, 0 Drawing figures
Exemplary Claim Number: 1

5. Document ID: US 6008344 A
Entry 5 of 38

File: USPT

Dec 28, 1999

US-PAT-NO: 6008344

DOCUMENT-IDENTIFIER: US 6008344 A

TITLE: Antisense modulation of phospholipase A2 group IV expression

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:
NAME

CITY

STATE

ZIP CODE

COUNTRY

Bennett, C. Frank

Carlsbad

CA

N/A

N/A

Cowser, Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 536/24.5; 435/325, 435/6, 435/91.1, 435/91.31, 536/23.1, 536/23.2, 536/24.3

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Phospholipase A2 Group IV. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Phospholipase A2 Group IV. Methods of using these compounds for modulation of Phospholipase A2 Group IV expression and for treatment of diseases associated with expression of Phospholipase A2 Group IV are provided.
20 Claims, 0 Drawing figures
Exemplary Claim Number: 1

6. Document ID: US 6008048 A
Entry 6 of 38

File: USPT

Dec 28, 1999

US-PAT-NO: 6008048

DOCUMENT-IDENTIFIER: US 6008048 A

TITLE: Antisense inhibition of EGR-1 expression

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:
NAME

CITY

STATE

ZIP CODE

COUNTRY

Monia, Brett P.

La Costa

CA

N/A

N/A

Cowser, Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 435/375; 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of EGR-1. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding EGR-1. Methods of using these compounds for modulation of EGR-1 expression and for treatment of diseases associated with expression of EGR-1 are provided.
10 Claims, 0 Drawing figures
Exemplary Claim Number: 1

7. Document ID: US 5998206 A
Entry 7 of 38

File: USPT

Dec 7, 1999

US-PAT-NO: 5998206

DOCUMENT-IDENTIFIER: US 5998206 A

TITLE: Antisense inhibition of human G-alpha-12 expression

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cowsert; Lex M.	Carlsbad	CA	N/A	N/A

US-CL-CURRENT: 435/375; 435/325, 435/366, 435/455, 435/6, 435/91.1, 536/23.1, 536/24.3, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of G-alpha-12. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding G-alpha-12. Methods of using these compounds for modulation of G-alpha-12 expression and for treatment of diseases associated with expression of G-alpha-12 are provided.
10 Claims, 0 Drawing figures
Exemplary Claim Number: 1

8. Document ID: US 5998148 A
Entry 8 of 38

File: USPT

Dec 7, 1999

US-PAT-NO: 5998148

DOCUMENT-IDENTIFIER: US 5998148 A

TITLE: Antisense modulation of microtubule-associated protein 4 expression

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bennett; C. Frank	Carlsbad	CA	N/A	N/A
Ackermann; Elizabeth J.	Solana Beach	CA	N/A	N/A

US-CL-CURRENT: 435/6; 435/325, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of microtubule-associated protein 4. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding

microtubule-associated protein 4.

Methods of using these compounds for modulation of microtubule-associated protein 4 expression and for treatment of diseases associated with expression of microtubule-associated protein 4 are provided.

14 Claims, 0 Drawing figures

Exemplary Claim Number: 1

9. Document ID: US 5985664 A
Entry 9 of 38

File: USPT

Nov 16, 1999

US-PAT-NO: 5985664

DOCUMENT-IDENTIFIER: US 5985664 A

TITLE: Antisense modulation of Sentrin expression

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Baker; Brenda F.	Carlsbad	CA	N/A	N/A
Cowsert; Lex M.	Carlsbad	CA	N/A	N/A

US-CL-CURRENT: 435/375; 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Sentrin. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Sentrin. Methods of using these compounds for modulation of Sentrin expression and for treatment of diseases associated with expression of Sentrin are provided.
12 Claims, 0 Drawing figures
Exemplary Claim Number: 1

10. Document ID: US 5985663 A
Entry 10 of 38

File: USPT

Nov 16, 1999

US-PAT-NO: 5985663

DOCUMENT-IDENTIFIER: US 5985663 A

TITLE: Antisense inhibition of interleukin-15 expression

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE
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	ZIP CODE	COUNTRY
Bennett, C. Frank	Carlsbad CA	N/A
Cowser, Lex M.	Carlsbad CA	N/A

US-CL-CURRENT: 435/375; 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Interleukin-15. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Interleukin-15. Methods of using these compounds for modulation of Interleukin-15 expression and for treatment of diseases associated with expression of Interleukin-15 are provided.
19 Claims, 0 Drawing figures
Exemplary Claim Number: 1

11. Document ID: US 5981732 A
Entry 11 of 38
File: USPT
Nov 9, 1999

US-PAT-NO: 5981732
DOCUMENT-IDENTIFIER: US 5981732 A

TITLE: Antisense modulation of G-alpha-13 expression

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:
NAME

	CITY	STATE	ZIP CODE	COUNTRY
Cowser, Lex M.	Carlsbad	CA	N/A	N/A

US-CL-CURRENT: 536/24.5; 435/375, 435/6, 536/23.1, 536/24.1, 536/24.3

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of G-alpha-13. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding G-alpha-13. Methods of using these compounds for modulation of G-alpha-13 expression and for treatment of diseases associated with expression of G-alpha-13 are provided.
24 Claims, 0 Drawing figures
Exemplary Claim Number: 1

12. Document ID: US 5977341 A
Entry 12 of 38

File: USPT

Nov 2, 1999

US-PAT-NO: 5977341
DOCUMENT-IDENTIFIER: US 5977341 A

TITLE: Antisense modulation of inhibitor-kappa B kinase-beta expression

DATE-ISSUED: November 2, 1999

INVENTOR-INFORMATION:
NAME

	CITY	STATE	ZIP CODE	COUNTRY
Monia, Brett P.	La Costa	CA	N/A	N/A
Cowser, Lex M.	Carlsbad	CA	N/A	N/A

US-CL-CURRENT: 536/24.5; 435/375, 435/440, 435/6, 435/91.1, 536/23.1, 536/24.3, 536/24.33

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Inhibitor-kappa B Kinase-beta. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Inhibitor-kappa B Kinase-beta. Methods of using these compounds for modulation of Inhibitor-kappa B Kinase-beta expression and for treatment of diseases associated with expression of Inhibitor-kappa B Kinase-beta are provided.
19 Claims, 0 Drawing figures
Exemplary Claim Number: 1

13. Document ID: US 5962673 A
Entry 13 of 38

File: USPT

Oct 5, 1999

US-PAT-NO: 5962673
DOCUMENT-IDENTIFIER: US 5962673 A

TITLE: Antisense modulation of inhibitor-kappa B kinase-alpha expression

DATE-ISSUED: October 5, 1999

INVENTOR-INFORMATION:
NAME

	CITY	STATE	ZIP CODE	COUNTRY
Monia, Brett P.	La Costa	CA	N/A	N/A
Cowser, Lex M.	Carlsbad	CA		

N/A

N/A

Sep 28, 1999

US-CL-CURRENT: 536/24.5; 435/375, 435/6, 536/23.1, 536/24.1, 536/24.3

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Inhibitor-kappa B Kinase-alpha. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Inhibitor-kappa B Kinase-alpha.

Methods of using these compounds for modulation of Inhibitor-kappa B Kinase-alpha expression and for treatment of diseases associated with expression of Inhibitor-kappa B Kinase-alpha are provided.

20 Claims, 0 Drawing figures

Exemplary Claim Number: 1

14. Document ID: US 5959097 A

Entry 14 of 38

File: USPT

Sep 28, 1999

US-PAT-NO: 5959097

DOCUMENT-IDENTIFIER: US 5959097 A

TITLE: Antisense modulation of MEK2 expression

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Monia; Brett P.

La Costa

CA

N/A

N/A

Cowsert; Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 536/24.5; 435/375, 435/6, 536/23.1, 536/24.1, 536/24.3

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of MEK2.

The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding MEK2. Methods of using these compounds for modulation of MEK2 expression and for treatment of diseases associated with expression of MEK2 are provided.

20 Claims, 0 Drawing figures

Exemplary Claim Number: 1

15. Document ID: US 5958773 A

Entry 15 of 38

File: USPT

US-PAT-NO: 5958773

DOCUMENT-IDENTIFIER: US 5958773 A

TITLE: Antisense modulation of AKT-1 expression

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Monia; Brett P.

La Costa

CA

N/A

N/A

Cowsert; Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 435/375; 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of

Akt-1. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Akt-1. Methods of using these compounds for modulation of Akt-1 expression and for treatment of diseases associated with expression of Akt-1 are provided.

12 Claims, 0 Drawing figures

Exemplary Claim Number: 1

16. Document ID: US 5958772 A

Entry 16 of 38

File: USPT

Sep 28, 1999

US-PAT-NO: 5958772

DOCUMENT-IDENTIFIER: US 5958772 A

TITLE: Antisense inhibition of cellular inhibitor of apoptosis-1 expression

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Bennett; C. Frank

Carlsbad

CA

N/A

N/A

Ackermann; Elizabeth J.

Solana Beach

CA

N/A

N/A

Cowsert; Lex M.

Carlsbad

CA

N/A

N/A

US-CL-CURRENT: 435/375; 435/325, 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Cellular Inhibitor of Apoptosis-1. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Cellular Inhibitor of Apoptosis-1. Methods of using these compounds for modulation of Cellular Inhibitor of Apoptosis-1 expression and for treatment of diseases associated with expression of Cellular Inhibitor of Apoptosis-1 are provided.
12 Claims, 0 Drawing figures
Exemplary Claim Number: 1

17. Document ID: US 5958771 A
Entry 17 of 38

File: USPT

Sep 28, 1999

US-PAT-NO: 5958771
DOCUMENT-IDENTIFIER: US 5958771 A

TITLE: Antisense modulation of cellular inhibitor of Apoptosis-2 expression

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:
NAME

CITY STATE ZIP CODE COUNTRY

Bennett; C. Frank

Carlsbad CA N/A N/A

Ackermann; Elizabeth J.

Solana Beach CA N/A N/A

Cowsert; Lex M.

Carlsbad CA N/A N/A

US-CL-CURRENT: 435/375; 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of Cellular Inhibitor of Apoptosis-2. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding Cellular Inhibitor of Apoptosis-2. Methods of using these compounds for modulation of Cellular Inhibitor of Apoptosis-2 expression and for treatment of diseases associated with expression of Cellular Inhibitor of Apoptosis-2 are provided.
12 Claims, 0 Drawing figures

Exemplary Claim Number: 1

18. Document ID: US 5951455 A
Entry 18 of 38

File: USPT

Sep 14, 1999

US-PAT-NO: 5951455
DOCUMENT-IDENTIFIER: US 5951455 A

TITLE: Antisense modulation of G-alpha-11 expression

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:
NAME

CITY STATE ZIP CODE COUNTRY

Cowsert; Lex M.

Carlsbad CA N/A N/A

US-CL-CURRENT: 435/375; 435/366, 435/6, 435/91.1, 536/23.1, 536/24.31, 536/24.33, 536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for modulating the expression of G-alpha-11. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding G-alpha-11. Methods of using these compounds for modulation of G-alpha-11 expression and for treatment of diseases associated with expression of G-alpha-11 are provided.
12 Claims, 0 Drawing figures
Exemplary Claim Number: 1

19. Document ID: US 5948680 A
Entry 19 of 38

File: USPT

Sep 7, 1999

US-PAT-NO: 5948680
DOCUMENT-IDENTIFIER: US 5948680 A

TITLE: Antisense inhibition of Elk-1 expression

DATE-ISSUED: September 7, 1999

INVENTOR-INFORMATION:
NAME

CITY STATE ZIP CODE COUNTRY

Baker; Brenda F.

Carlsbad CA N/A N/A

Cowsert; Lex M.

Carlsbad CA N/A N/A

US-CL-CURRENT: 435/375; 435/325, 435/366, 435/6, 435/91.1,
536/23.1, 536/24.31, 536/24.33,
536/24.5

ABSTRACT:

Antisense compounds, compositions and methods are provided for
modulating the expression of
ELK-1. The compositions comprise antisense compounds, particularly
antisense oligonucleotides,
targeted to nucleic acids encoding ELK-1. Methods of using these
compounds for modulation of
ELK-1 expression and for treatment of diseases associated with expression
of ELK-1 are provided.

12 Claims, 0 Drawing figures
Exemplary Claim Number: 1

20. Document ID: US 5935994 A
Entry 20 of 38

File: USPT

Aug 10, 1999

US-PAT-NO: 5935994

DOCUMENT-IDENTIFIER: US 5935994 A

TITLE: Nutritionally balanced dermal composition and method

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:
NAME

CITY

STATE

ZIP CODE

COUNTRY

Nimni; Marcel E.

Santa Monica

CA

90405

N/A

US-CL-CURRENT: 514/458; 514/474, 514/561, 514/562

ABSTRACT:

A composition and method for enhancing the appearance of the skin, the
composition containing a
mixture of essential amino acids, a penetrant, a nucleotide, vitamin C and
vitamin E.

6 Claims, 0 Drawing figures
Exemplary Claim Number: 1

21. Document ID: US 5916910 A
Entry 21 of 38

File: USPT

Jun 29, 1999

US-PAT-NO: 5916910

DOCUMENT-IDENTIFIER: US 5916910 A

TITLE: Conjugates of dithiocarbamates with pharmacologically active
agents and uses therefore

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:
NAME

CITY

STATE

ZIP CODE

Lai; Ching-San

Encinitas

CA

N/A

COUNTRY

N/A

US-CL-CURRENT: 514/423; 514/514, 548/564, 548/573, 558/235

ABSTRACT:

In accordance with the present invention, there are provided conjugates of
nitric oxide
scavengers (e.g., dithiocarbamates, or "DC") and pharmacologically active
agents (e.g., NSAIDs).

Invention conjugates provide a new class of pharmacologically active
agents (e.g.,

anti-inflammatory agents) which cause a much lower incidence of
side-effects due to the

protective effects imparted by modifying the pharmacologically active
agents as described herein.

In addition, invention conjugates are more effective than unmodified
pharmacologically active

agents because cells and tissues contacted by the pharmacologically active
agent(s) are protected

from the potentially damaging effects of nitric oxide overproduction
induced thereby as a result

of the co-production of nitric oxide scavenger (e.g., dithiocarbamate), in
addition to free

pharmacologically active agent, when invention conjugate is cleaved.

27 Claims, 0 Drawing figures
Exemplary Claim Number: 1

22. Document ID: US 5879713 A
Entry 22 of 38

File: USPT

Mar 9, 1999

US-PAT-NO: 5879713

DOCUMENT-IDENTIFIER: US 5879713 A

TITLE: Targeted delivery via biodegradable polymers

DATE-ISSUED: March 9, 1999

INVENTOR-INFORMATION:
NAME

CITY

STATE

ZIP CODE

COUNTRY

Roth; Laurence A.

Windham

NH

N/A

N/A

Herman; Stephen Jack

Andover

MA

N/A

N/A

US-CL-CURRENT: 424/489; 424/423, 424/501, 514/2, 514/21, 514/824,
514/964, 514/965

ABSTRACT:

Delivery of bioactive molecules such as nucleic acid molecules encoding a
protein can be

significantly enhanced by immobilization of the bioactive molecule in a
polymeric material

adjacent to the cells where delivery is desired, where the bioactive molecule
is encapsulated in

a vehicle such as liposomes which facilitates transfer of the bioactive molecules into the targeted tissue. Targeting of the bioactive molecules can also be achieved by selection of an encapsulating medium of an appropriate size whereby the medium serves to deliver the molecules to a particular target. For example, encapsulation of nucleic acid molecules or biologically active proteins within biodegradable, biocompatible polymeric microparticles which are appropriate sized to infiltrate, but remain trapped within, the capillary beds and alveoli of the lungs can be used for targeted delivery to these regions of the body following administration to a patient by infusion or injection.
 13 Claims, 0 Drawing figures
 Exemplary Claim Number: 1

23. Document ID: US 5693769 A
 Entry 23 of 38

File: USPT

Dec 2, 1997

US-PAT-NO: 5693769
 DOCUMENT-IDENTIFIER: US 5693769 A

TITLE: Glycosylated steroid derivatives for transport across biological membranes and process for making and using same

DATE-ISSUED: December 2, 1997

INVENTOR-INFORMATION:
 NAME

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kahne; Daniel Evan	Princeton	NJ	N/A	N/A
Kahne; Suzanne Walker	Princeton	NJ	N/A	N/A

US-CL-CURRENT: 536/5

ABSTRACT:

Novel glycosylated steroid derivatives for facilitating the transport of compounds across biological membranes, either in admixture or as conjugates, are disclosed. A novel process for efficient synthesis of these glycosylated steroid derivatives, using activated glycosyl sulfoxide intermediates is provided. Methods for the permeabilization of membranes and the enhancement of the activity of predetermined compounds are also provided.
 6 Claims, 6 Drawing figures
 Exemplary Claim Number: 1
 Number of Drawing Sheets: 6

24. Document ID: US 5627270 A
 Entry 24 of 38

File: USPT

May 6, 1997

US-PAT-NO: 5627270
 DOCUMENT-IDENTIFIER: US 5627270 A

TITLE: Glycosylated steroid derivatives for transport across biological membranes and process for making and using same

DATE-ISSUED: May 6, 1997

INVENTOR-INFORMATION:
 NAME

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kahne; Daniel E.	Princeton	NJ	N/A	N/A
Kahne; Suzanne W.	Princeton	NJ	N/A	N/A
Sofia; Michael J.	Laurenceville	NJ	N/A	N/A
Hatzenbuhler; Nicole T.	Kendall Park	NJ	N/A	N/A

US-CL-CURRENT: 536/5; 536/23.1, 536/24.1, 536/24.3

ABSTRACT:

Novel glycosylated steroid derivatives for facilitating the transport of compounds across biological membranes, either in admixture or as conjugates, are disclosed. A novel process for efficient synthesis of these glycosylated steroid derivatives, using activated glycosyl sulfoxide intermediates is provided. Methods for the permeabilization of membranes and the enhancement of the activity of predetermined compounds are also provided.
 7 Claims, 22 Drawing figures
 Exemplary Claim Number: 1
 Number of Drawing Sheets: 22

25. Document ID: US 5510396 A
 Entry 25 of 38

File: USPT

Apr 23, 1996

US-PAT-NO: 5510396
 DOCUMENT-IDENTIFIER: US 5510396 A

TITLE: Process for producing flowable osteogenic composition containing demineralized bone particles

DATE-ISSUED: April 23, 1996

INVENTOR-INFORMATION:
 NAME

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prewett; Annamarie B.				

Little Silver NJ N/A N/A
 Stikeleather; Roger C. Doylestown PA N/A N/A

US-CL-CURRENT: 523/113; 424/422, 523/114, 523/115, 623/16

ABSTRACT:

Demineralized bone particles having a median length to median thickness ratio of at least about 10:1 are incorporated in an osteogenic composition useful for repairing bone defects.
 20 Claims, 0 Drawing figures
 Exemplary Claim Number: 1

26. Document ID: US 5507813 A
 Entry 26 of 38
 File: USPT
 Apr 16, 1996

US-PAT-NO: 5507813
 DOCUMENT-IDENTIFIER: US 5507813 A

TITLE: Shaped materials derived from elongate bone particles

DATE-ISSUED: April 16, 1996

INVENTOR-INFORMATION:
 NAME

	CITY	STATE	ZIP CODE	COUNTRY
Dowd; Michael	Bordentown	NJ	N/A	N/A
Dyke; Denis G.	Long Branch	NJ	N/A	N/A

US-CL-CURRENT: 623/16; 623/11, 623/66

ABSTRACT:

Surgically implantable shaped materials, e.g., sheets, are fabricated from elongate bone particles, advantageously those that have been demineralized. The materials when applied to a bone repair site enhance or accelerate new bone ingrowth by any one of a variety of biological and/or mechanical mechanisms.
 21 Claims, 0 Drawing figures
 Exemplary Claim Number: 1

27. Document ID: US 5484601 A
 Entry 27 of 38
 File: USPT
 Jan 16, 1996

US-PAT-NO: 5484601

DOCUMENT-IDENTIFIER: US 5484601 A

TITLE: Flowable demineralized bone powder composition and its use in bone repair

DATE-ISSUED: January 16, 1996

INVENTOR-INFORMATION:
 NAME

	CITY	STATE	ZIP CODE	COUNTRY
O'Leary; Robert K.	Spring Lake	NJ	N/A	N/A
McBrayer; Patrick A.	Yardley	PA	N/A	N/A

US-CL-CURRENT: 424/422; 424/184.1, 424/423, 424/520, 424/549, 424/562, 424/94.1, 514/772.2, 514/772.3, 514/772.6, 514/774, 514/777, 514/778, 514/781, 514/785, 514/801, 514/802

ABSTRACT:

A flowable demineralized bone powder composition is provided for use in surgical bone repair.

13 Claims, 0 Drawing figures
 Exemplary Claim Number: 1

28. Document ID: US 5439684 A
 Entry 28 of 38

File: USPT

Aug 8, 1995

US-PAT-NO: 5439684

DOCUMENT-IDENTIFIER: US 5439684 A

TITLE: Shaped, swollen demineralized bone and its use in bone repair

DATE-ISSUED: August 8, 1995

INVENTOR-INFORMATION:
 NAME

	CITY	STATE	ZIP CODE	COUNTRY
Prewett; Annamarie B.	Little Silver	NJ	N/A	N/A
Stikeleather; Roger C.	Doylestown	PA	N/A	N/A
Bogdansky; Simon	Marlboro	NJ	N/A	N/A
O'Leary; Robert K.	Spring Lake	NJ	N/A	N/A

US-CL-CURRENT: 424/422; 424/423, 424/549, 514/777, 623/16

ABSTRACT:

A shaped piece of swollen demineralized bone which can also be plasticized is provided for use in surgical bone repair.

26 Claims, 18 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

29. Document ID: US 5414077 A
Entry 29 of 38

File: USPT

May 9, 1995

US-PAT-NO: 5414077
DOCUMENT-IDENTIFIER: US 5414077 A

TITLE: Non-nucleoside linkers for convenient attachment of labels to oligonucleotides using standard synthetic methods

DATE-ISSUED: May 9, 1995

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Lin; Kuei-Ying

Fremont

CA

N/A

N/A

Matteucci; Mark

Burlingame

CA

N/A

N/A

US-CL-CURRENT: 536/24.3; 435/6, 536/25.32, 546/23

ABSTRACT:

Pseudonucleosides and pseudonucleotides are useful in the synthesis of oligomers which contain these components as a means to derivatize the resulting oligonucleotide to useful substituents such as chelators, intercalators, or lipophilic compounds. In general, these pseudonucleotide components are of the formula: ##STR1## wherein each Y is independently O or S; each X is independently H, PO.sub.3.sup.-2, an activated nucleotide synthesis coupling moiety, a protecting group, a nucleoside, a nucleotide or a nucleotide sequence, or comprises a solid support;

F is a functional group capable of linking an additional moiety or said group already reacted to effect the binding of said additional moiety;

.quadrature. is an organic backbone which does not contain additional F or Y-X substituents and which is either achiral even when the Y-X substituents are different, or is a single enantiomer of a chiral compound;

with the proviso that at least one X is a nucleoside, nucleotide, nucleotide sequence, an activated nucleotide synthesis coupling moiety, or comprises a solid support, or F represents

said functional group already reacted with an additional group. Oligonucleotides having the pseudonucleoside at the 3' terminus are particularly stable in vivo. 9 Claims, 0 Drawing figures
Exemplary Claim Number: 1

30. Document ID: US 5405390 A
Entry 30 of 38

File: USPT

Apr 11, 1995

US-PAT-NO: 5405390
DOCUMENT-IDENTIFIER: US 5405390 A

TITLE: Osteogenic composition and implant containing same

DATE-ISSUED: April 11, 1995

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

O'Leary; Robert K.

Spring Lake

NJ

N/A

N/A

Prewett; Annamarie B.

Little Silver

NJ

N/A

N/A

US-CL-CURRENT: 623/16

ABSTRACT:

An osteogenic composition is obtained from demineralized bone tissue. 32 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 1

31. Document ID: US 5314476 A
Entry 31 of 38

File: USPT

May 24, 1994

US-PAT-NO: 5314476
DOCUMENT-IDENTIFIER: US 5314476 A

TITLE: Demineralized bone particles and flowable osteogenic composition containing same

DATE-ISSUED: May 24, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Prewett; Annamarie B.

Little Silver

NJ

N/A

N/A

Stikeleather; Roger C.

Doylestown

PA

N/A

N/A

US-CL-CURRENT: 623/16; 424/422, 424/423, 623/11, 623/18

ABSTRACT:

Demineralized bone particles having a median length to median thickness ratio of at least about

10:1 are incorporated in an osteogenic composition useful for repairing bone defects.

20 Claims, 0 Drawing figures

Exemplary Claim Number: 1

32. Document ID: US 5298254 A
Entry 32 of 38

File: USPT

Mar 29, 1994

US-PAT-NO: 5298254

DOCUMENT-IDENTIFIER: US 5298254 A

TITLE: Shaped, swollen demineralized bone and its use in bone repair

DATE-ISSUED: March 29, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Prewett; Annamarie B.

Little Silver

NJ

N/A

N/A

Stikeleather; Roger C.

Doylestown

PA

N/A

N/A

Bogdansk; Simon

Marlboro

NJ

N/A

N/A

O'Leary; Robert K.

Spring Lake

NJ

N/A

N/A

US-CL-CURRENT: 424/422; 424/423, 424/549, 514/772.3, 514/777, 514/779, 514/780, 514/785, 514/801, 514/802, 514/953, 623/16

ABSTRACT:

A shaped piece of swollen demineralized bone which can also be plasticized is provided for use in surgical bone repair.

30 Claims, 18 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

33. Document ID: US 5290558 A
Entry 33 of 38

File: USPT

Mar 1, 1994

US-PAT-NO: 5290558

DOCUMENT-IDENTIFIER: US 5290558 A

TITLE: Flowable demineralized bone powder composition and its use in bone repair

DATE-ISSUED: March 1, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

O'Leary; Robert K.

Spring Lake

NJ

N/A

N/A

McBrayer; Patrick A.

Yardley

PA

N/A

N/A

US-CL-CURRENT: 424/422; 424/423, 424/549, 514/772, 514/777, 623/16

ABSTRACT:

A flowable demineralized bone powder composition is provided for use in surgical bone repair.

21 Claims, 0 Drawing figures

Exemplary Claim Number: 1

34. Document ID: US 5236456 A
Entry 34 of 38

File: USPT

Aug 17, 1993

US-PAT-NO: 5236456

DOCUMENT-IDENTIFIER: US 5236456 A

TITLE: Osteogenic composition and implant containing same

DATE-ISSUED: August 17, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

O'Leary; Robert K.

Spring Lake

NJ

N/A

N/A

Prewett; Annamarie B.

Little Silver

NJ

N/A

N/A

US-CL-CURRENT: 623/16; 128/DIG.8, 424/422, 623/18

ABSTRACT:

An osteogenic composition is obtained from demineralized bone tissue.

28 Claims, 2 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 1

35. Document ID: US 5073373 A
Entry 35 of 38

File: USPT

Dec 17, 1991

US-PAT-NO: 5073373
DOCUMENT-IDENTIFIER: US 5073373 A

TITLE: Flowable demineralized bone powder composition and its use in bone repair

DATE-ISSUED: December 17, 1991

INVENTOR-INFORMATION:
NAME

	CITY	STATE	ZIP CODE	COUNTRY
O'Leary, Robert K.	Spring Lake	NJ	N/A	N/A
McBrayer, Patrick A.	Yardley	PA	N/A	N/A

US-CL-CURRENT: 424/422; 424/423, 424/549, 424/94.1, 514/785, 514/801, 514/802, 623/16

ABSTRACT:

A flowable demineralized bone powder composition is provided for use in surgical bone repair.

14 Claims, 0 Drawing figures
Exemplary Claim Number: 1

36. Document ID: US 5061286 A
Entry 36 of 38

File: USPT

Oct 29, 1991

US-PAT-NO: 5061286
DOCUMENT-IDENTIFIER: US 5061286 A

TITLE: Osteoprosthetic implant

DATE-ISSUED: October 29, 1991

INVENTOR-INFORMATION:
NAME

	CITY	STATE	ZIP CODE	COUNTRY
Lyle, John W.	Belmar	NJ	N/A	N/A

US-CL-CURRENT: 623/16; 623/23, 623/66

ABSTRACT:

At least a portion of the surface of an osteoprosthetic implant is provided with demineralized bone powder adhering thereto. Sorption of the bone particles is accompanied by rapid and deep

bone in-growth which firmly anchors the prosthesis to the host bone repair site.

19 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 1

37. Document ID: AU 9883786 A, WO 9901579 A1
Entry 37 of 38

File: DWPI

Jan 25, 1999

DERWENT-ACC-NO: 1999-106077
DERWENT-WEEK: 199923

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TITLE: Composition comprising nucleic acid and penetration enhancer - used particularly for delivering therapeutic antisense oligonucleotides across the gastrointestinal mucosa, provides high bioavailability
INVENTOR: HARDEE, G; TENG, C

PRIORITY-DATA:
1997US-0886829

July 1, 1997

PATENT-FAMILY:
PUB-NO

PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 9883786 A			
January 25, 1999	N/A	000	C12Q001/68
WO 9901579 A1			
January 14, 1999	E	114	C12Q001/68

INT-CL (IPC): A61K 9/127; A61K 48/00; C07H 21/04; C12Q 1/68

ABSTRACTED-PUB-NO: WO 9901579A
BASIC-ABSTRACT:

Composition comprises a nucleic acid (I) and at least one penetration enhancer (II).

USE - The compositions are used: (i) to treat or prevent any disease or disorder that can be treated with (I), e.g. cancer, Alzheimer's disease, beta -thalassemia, malaria, viral infections (including human immune deficiency virus (HIV)), inflammation etc., in human or animal medicine; (ii) to investigate the role of a gene or gene product in non-human animals, and (iii) to modulate gene expression in cells, tissues or organs.

ADVANTAGE - The compositions provide bioavailability of at least 15, preferably 17-35,%. (II) improves: (i) transport of (I) across the mucosa of the alimentary canal and into cells, and (ii) increases stability of (I). Oral administration avoids the complications and expense of intravenous or other methods of administration.

38. Document ID: WO 9113080 A, AU 9175799 A, US 5414077 A

Entry 38 of 38

File: DWPI

Sep 5, 1991

DERWENT-ACC-NO: 1991-281412

DERWENT-WEEK: 199138

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TITLE: New pseudo-nucleotide(s), pseudo-nucleoside(s) and their polymers - useful in anti-sense therapy and can be modified to enhance exo-nuclease stability, specific binding to DNA or RNA targets, etc.

INVENTOR: LIN, K; MATTEUCCI, M ; LIN, K Y

PRIORITY-DATA:

1990US-0594147

October 9, 1990

1990US-0482943

February 20, 1990

1994US-0237233

May 2, 1994

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

WO 9113080 A

September 5, 1991

N/A

000

N/A

AU 9175799 A

September 18, 1991

N/A

000

N/A

US 5414077 A

May 9, 1995

N/A

013

C07H021/04

INT-CL (IPC): A61K 31/70; C07H 17/00; C07H 21/04

ABSTRACTED-PUB-NO: US 5414077A

BASIC-ABSTRACT:

Pseudonucleosides and pseudonucleotides of formula (I) are new. Y = O or S. X = H, PO₃(-2), an activated nucleotide synthesis coupling moiety, a protecting gp. a nucleoside, a nucleotide or nucleotide sequence, or comprises a solid support.

F is a functional gp. which is either bound to an additional moiety or is capable of binding to it. The square denotes an organic backbone which does not contain F or Y-X substituents and which is either achiral or is a single enantiomer. Either at least one X is a nucleoside, nucleotide, nucleotide sequence, an activated nucleotide synthesis coupling moiety or is a solid support; or when both X = H, the functional gp. F is derivatised to a reporter gp. oligonucleotide cleavage or binding agent, membrane penetration enhancer, oligonucleotide cross-linking agent or protecting gp.

(I) is e.g. XY-(CH₂)_n-N(F)-(CH₂)_n-YX, where n = 1-10. F is e.g. ethyl, cholesteryl, acridine, anthraquinone or rhodamine.

USE/ADVANTAGE - (I) (when at least one X is a nucleotide sequence) are useful in diagnostics and

for treating diseases mediated by polynucleotides or proteins. They can be utilised in antisense

therapy, since they are able to inactivate certain target DNA, RNA or protein sequences.

Modifications may be made at the 3' terminus of (I) to enhance in vivo stability to exonucleases.

These modifications do not interfere with activity. Other desirable properties that may be

conferred include enhanced specific binding to DNA or RNA targets, permeation into cells and

resistance to renal clearance. Injection is the pref. route of admin. but (I) can also be given

orally, transmucosally, transdermally or topically.

ABSTRACTED-PUB-NO:

WO 9113080A EQUIVALENT-ABSTRACTS:

Cpds. of formula (I) are new. n = 1-10, Y = O or S. One X = a nucleotide, nucleotide,

oligonucleotide, activated nucleotide synthesis coupling agent and a solid support linked to Y

and the other is HPO₃/2-, a protecting gp., a nucleoside, nucleotide or oligonucleotide. F = a

functional linker or gp. e.g. a reporter, oligonucleotide cleavage entity, oligonucleotide

binding agent, membrane penetration enhancer, oligonucleotide crosslinking agent or protecting

gp.

USE - For forming oligomers to be used in diagnosis.

Term

Documents

2 SAME 4

38

including document number

Display Format: